

**The Carolina DX
Association**

The Pileup

Carolina DX Association



JULY-SEPT, 1992

BILL TAYLOR - KD4IL - EDITOR

DX NET Report from N4UH

Here is another quarterly DX Net report that covers the period from 1 April to 1 July 1992, a total of 14 weeks. However, there was no record kept for the week of 6 May. There were 33 different calls checking in this period, 12 less than the last. Interest in the DX Net has dropped as the Summer advances.

The average attendance this period was 13 check-ins, which compares to 14.4 the previous period. Having perfect attendance was **Bruce, AG4L**. Missing only one secession was, **Larry, K4CEB**. **Knobby, KC4DBY**, **Gary, WA1EHL**, and **Bernie, N4YDT** missed two secessions.

Within this newsletter, you will find a graph published by the National Oceanic and Atmospheric Administration (NOAA) showing the status of Solar Cycle 22. From the figure, it can be seen that we are half-way down the slope of the present cycle with a bottoming out around 1996. This is good news for 160 meter DXers.

All amateurs are invited to check into the CDXA DX Net at 8:30pm local time each Wednesday, on the Boone repeater, 147.36MHz.

Just a reminder that N4UH is an ARRL appointment as an HF and VHF Awards Manager and am responsible for validating WAS, 5-band WAS and VUCC applications. Rather than sending your cards to Newington, send them to me (N4UH)

73---Henry Elwell N4UH NCS



From The Editor's Desk

First, I want to thank Henry (N4UH) and Roger (N4ZC) for most of the information in the Pileup this month. Henry provides a cycle 22 chart and Roger provided a reprint of an article describing the NorthEast Packetcluster system. (Next Month - Sorry- member list add) One of the reasons for the late Pileup is the scheduling of the ANNUAL PIG and CHICKEN FEST at K4MQG's QTH. The date is September 26 and the time is after 4 (eat about 6). More details on Packet and !47.18 as the time grows closer. RSVP to any officer. As in the past CDXA will provide meat and drinks(NA TYPE). Bring your favorite salad,desert or whatever.

I have inclosed a new printing of the membership list after it was pointed out that the first one we printed was not sorted by call. Sorry for that.

The Chapter 35 Telephone Pioneers are installing a 444.10 repeater in Charlotte for general and DX use. There is talk of cross linking 18 to this or maybe a NEW site for the 18 repeater. A NC State 220 link is also under construction for the PK system. --KD4IL

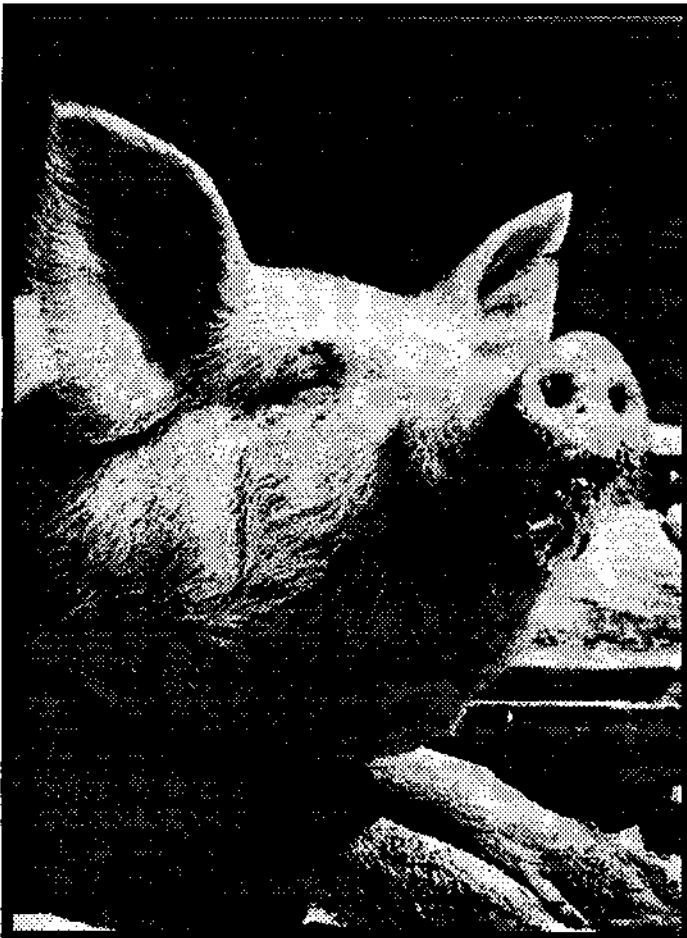
Notice

THE FOLLOWING HAVE BEEN APPOINTED AS DXCC FIELD REPRESENTATIVES:

IAA4VK, K4CEB, K4CIA, K4MQG, K4NYV, N4AYO, N4DAZ, N4JJ, N4TJ, N4ZC, W4UNP, W4WMQ, WA4FFW, WJ4T. THEY WERE NOMINATED BY CDXA, APPROVED BY THE ARRL DIRECTOR FOR THE ROANOKE DIVISION AND APPOINTED BY THE ARRL PRESIDENT FOR A ONE YEAR TERM. THE DXCC FIELD REPRESENTATIVES CAN, AT PRESENT, CHECK FIRST TIME APPLICANTS FOR THE DXCC AWARD. OTHER ITEMS MUST STILL BE SENT ARRL HEADQUARTERS, FOR EXAMPLE, ENDORSEMENTS OF EXISTING AWARDS AND ADDITIONAL NEW DXCC AWARDS. ALSO EXCLUDED FROM FIELD CHECKING ARE 5BDXCC, 6 METER, 2 METER AND SATELLITE DXCC.

THE ARRL DXCC COUNTRIES LIST OUTLINES THE FIELD CHECKING PROGRAM AND LISTS THE COUNTRIES ELIGIBLE FOR FIELD CHECKING. THE CURRENT EDITION OF THE LIST IS MAY 1992. W4UNP

I will see Uall at the "PIG FEST", September 26



DXAC UP FROM K4MQG:

* YUGSLOVIA:

THE DXAC WILL BE VOTING IN LATE AUGUST ON THE STATUS OF NEW DXCC COUNTRIES THAT HAVE BEEN CREATED AS THE RESULT OF THE BREAK UP OF YUGSLOVIA. FOUR NEW COUNTRIES WILL POSSIBLY BE CREATED: CROATIA, SLOVENIA, BOSNIA & HERCEGOVINA AND MACEDONIA. THERE IS STILL SOME QUESTION ON MACEDONIA BUT THE OTHER THREE SEEM CERTAIN.

* ABU AIL:

THE DXAC WILL ALSO BE VOTING IN LATE AUGUST ON THE POSSIBLE DELETION OF THIS DXCC COUNTRY. WITH THE CURRENT INFO THAT I HAVE, I WILL VOTE "NO" ON THIS AS BEING DELETED AT THIS TIME.

* PRATAS ISLAND:

THIS ISLAND IS SOUTH OF TAIWAN AND APPEARS TO MEET THE CRITERIA FOR SEPARATE DXCC CREDIT, BUT THE BV4 STATION THAT BROUGHT UP THE ISSUE HAS NOT SENT IN HIS APPLICATION AS YET. THE DXAC WILL NOT ACT ON THIS ONE OFFICIALLY UNTIL THE APPLICATION HAS BEEN RECEIVED.

* DOCKED MARITIME MOBILE DXCC CREDIT:

THE ISSUE OF GIVING CREDIT FOR STATIONS LOCATED ON DOCKED SHIPS USING A CALL ISSUED BY THE COUNTRY THAT THEY ARE LOCATED IN IS BEING DISCUSSED IN THE DXAC. THE QUESTION WAS PRESENTED TO US BY VQ9SS WHO IS N6SS AND IS ON AS AMERICAN SHIP THAT IS PERMANENTLY DOCKED AT DIEGO GARCIA. WE ARE ASKING OURSELVES INTERNALLY, SHOULD THE RULES REALLY BE RE-WRITTEN TO ACCOMMODATE SITUATIONS LIKE THIS OR WILL THIS JUST OPEN UP A "CAN OF WORMS".

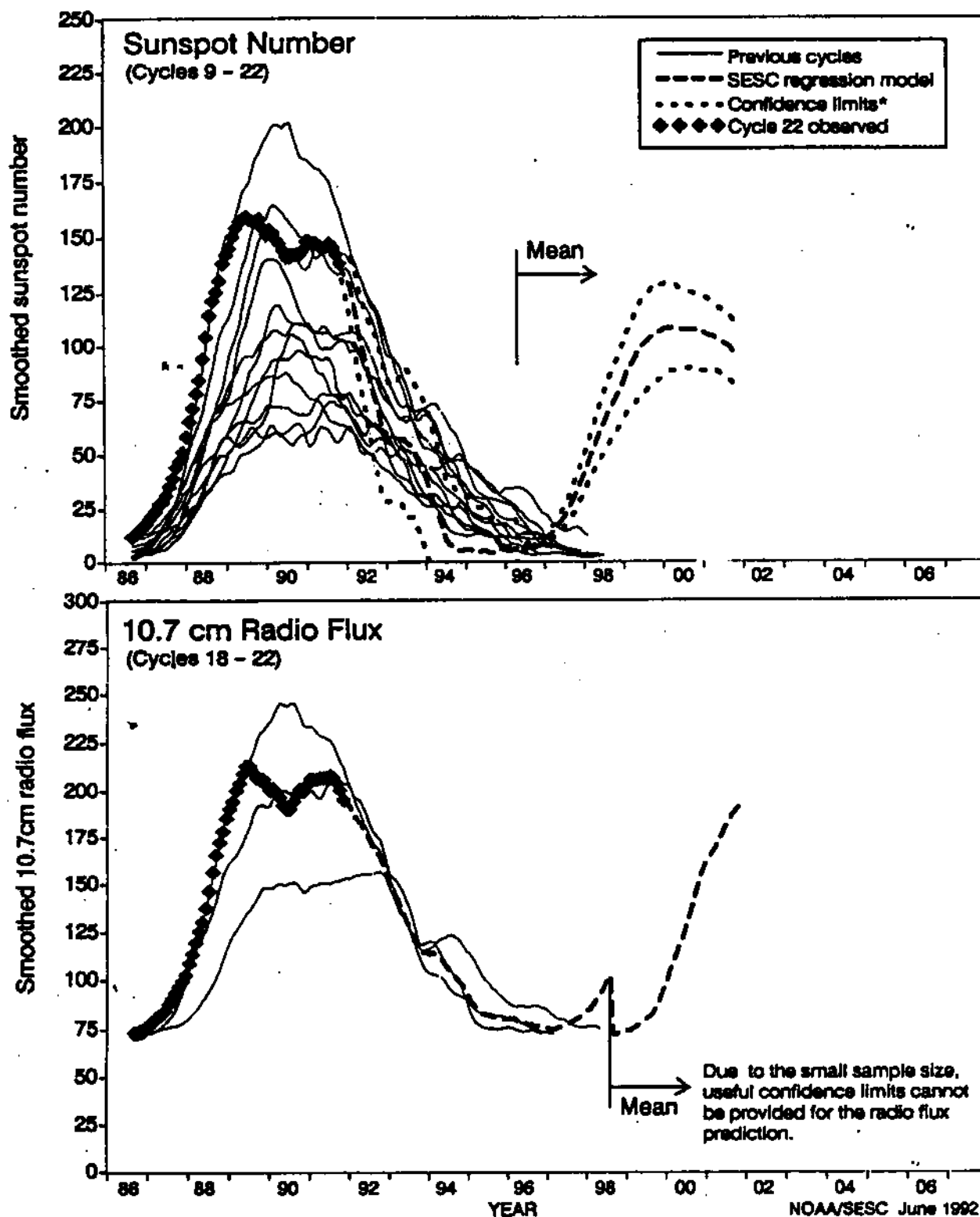
AN AERONAUTICAL MOBILE CAN FLY INTO A COUNTRY AND WITH A LEGAL LICENSE BE COUNTED FOR DXCC CREDIT, SO THE QUESTION BEING ASKED IS, WHY CANT A SHIP AT DOCK WITH A PROPER LICENSE ALSO COUNT. YOUR OPINIONS ARE WELCOME.!!

* VIENNA INTERNATIONAL CENTER, 4U1VIC:

WE HAVE BEEN ASKED TO RE-EXAMINE THIS STATION AND ITS STATUS AS TO SEPARATE DXCC STATUS. IT APPEARS TO HAVE SOME OF THE SAME CRITERIA THAT WAS GRANTED TO 4U1UN.

WILL KEEP YOU UPDATED AS EVENTS UNRAVEL..73'S GARY, K4MQG

Solar Cycle 22 Compared to Previous Cycles



* 90% Prediction interval or 90% confidence limit of the mean.

Provided by W4UH



Call	Name	Address	City	State	ZIP	Telephone Number
AA4AM	Joel Stacks	1138 Princeton Drive	Rock Hill	SC	29730	803-324-4944
AA4DO	Gary Pitts	2023 Kimberly Drive	Mt. Juliet	TN	37122	
AA4PQ	L.A. Simpson	3306 Old Charlotte Hy	Monroe	NC	28110	704-283-1593
AA4R	Bill Parris	16741 "100" Norman Pl.	Huntersville	NC	28078	704-892-4081
AA4S	Ron Bailey	420 Community Road	Shelby	NC	28152	704-487-0337
AA4SC	Rick Porter	Box 2731	Rock Hill	SC	29731	803-366-2444
AA4SQ	Charlie McSwain	1708 Woodlea Road	Charlotte	NC	28214	704-392-5056
AA4V	Steve Reichlyn	4710 Meadowood Road	Columbia	SC	29206	803-762-8169
AA4VK	Ron Oates	9908 Waterview Rd.	Raleigh	NC	27615	919-847-3279
AB4BI	Karl Boxer	1000 West Morehead St.	Charlotte	NC	28208	704-372-2765
AB4CN	Bob Sidi	15929 Bayshore Dr.	Huntersville	NC	28078	704-875-2292
AB4WD	David Valk	6215 Quiet Water Place	Charlotte	NC	28214	704-393-8089
AB4ZM	Jim Brown	RT 3 Box 294D	Vale	NC	28168	704-462-1628
AG4L	Bruce Gragg	RT. 2 Box 329	Conover	NC	28613	704-256-7634
AG4M	John L. Anderson	1041 West Outer Drive	Oak Ridge	TN	37830	
AK1E	Dan Morehouse	618 Leander Street	Shelby	NC	28150	704-482-6280
K0SD	Stephan Budensiek	RT. 5, Box 324-0	Salisbury	NC	28144	704-279-1460
K2SD	Scott Douglass	2440 Williams Road	Matthews	NC	28105	704-847-8320
K4BVQ	Frank Dowd	623 Lester Davis Road	Waxhaw	NC	28173	704-843-5968
K4CEB	Larry Sossoman	4383 Ponderosa Lane	Concord	NC	28025	704-782-2245
K4CEF	Bart Fay	113 Malor Circle	Madison	AL	35758	
K4DFW	Bob Patton	2548 Aspen Terrace	Rock Hill	SC	29732	803-366-5500
K4DGJ	Sam Hawes	308 Minden Lane	Matthews	NC	28105	704-847-2355
K4DGV	Wallace Evans	411 Lakeside Drive	Rock Hill	SC	29730	803-327-3007
K4DJ	Richard Moser	510 Third Ave Dr. SE	Hickory	NC	28602	704-324-7423
K4DLI	James Streible	3101 Lassiter Rd.	Marietta	GA	30062	404-993-1767
K4DY	Les Murphy	PO Box 626	Hickory	NC	28603	704-324-8111
K4EMN	Tony Elia	3520 Lakeview Drive	Pfafftown	NC	27040	919-922-1790
K4EXA	W.D. Clark	2708 Mawood Ave.	Charleston Heights	SC	29418	803-797-3086
K4HJE	E.V. Hicks	1467 Spring Hill Circle	Kernersville	NC	27284	919-996-5081
K4IGB	Walter C. Lockhart, III	3418 Foxridge Road	Charlotte	NC	28226	704-543-9344
K4JO	Ellicott Valentine	4495 Bashavia Wayside	Pfafftown	NC	27040	919-924-1323
K4MOG	Gary Dixon	1606 Crescent Ridge	Fort Mill	SC	29715	803-547-7450
K4MSK	John Williams	3212 Farris Bridge Road	Easley	SC	29640	
K4NYV	Lynn Pendleton	3617 Country Cove Lane	Raleigh	NC	27606	919-829-9449
K4PB	Alan Harp	8113 Belgium Dr.	Raleigh	NC	27606	919-362-8911
K4PYT	James Nipper	1818 The Woods Drive	Jacksonville	FL	32216	904-221-6483
K4QO	Douglas Sanders	710 Hamlet Hwy	Bennettsville	SC	29512	803-479-0334
K4SE	Bob May	PO Box 453	Jonesboro	TN	37659	615-753-3662
K4SFI	Bob Reed	426 Boyce Road	Charlotte	NC	28211	704-366-5082
K4SLC	Don Brannan	11502 Painted Tree Road	Charlotte	NC	28226	704-542-2855
K4XP	Keith Lewis	114 Westhaven Ct.	Spartanburg	SC	29301	803-576-7060
K4YYL	Art Balz	PO Box 6762	Greenville	SC	29606	803-244-4850
K5CTG	Joe Curlott	RT. 1 Box 81	Bolivia	NC	28422	919-253-5335
K8SL	Rolf Andersson	2836 Mattilyn Ct.	Raleigh	NC	27613	919-848-4033
KM4PKB	Bob Schafer	PO Box 57	Loachapoka	AL	36865	
KB4HU	Don Moore	309 Brookhaven Trail	Smyrna	TN	37167	
KB4JS	Glen Hall	411 Keller St.	China Grove	NC	28023	704-857-5269
KC4DBY	Nobby Mills	RT 10 Box 195B	Statesville	NC	28677	704-528-5013
KC4LWI	John Campbell	1672 Monterey Road N.E.	Roanoke	VA	24019	703-366-1549
KC4YM	Claude Oakes	479 Community Rd.	Shelby	NC	28150	704-482-9244
KC4YOM	Jack Guion	817 Lynbrook Drive	Charlotte	NC	28211	704-365-3061
KD4IL	Bill Taylor	214 Pelham Lane	Fort Mill	SC	29715	803-548-0908
KD4OM	Jim Morris	Rt. 1 Box 313	Granite Falls	NC	28630	704-495-8934
KD4RH	Gary Bader	PO Box 6212	Florence	SC	29502	803-667-6160
KD4UC	Gordon Plyler	P.O. BOX 848	Monroe	NC	28110	704-289-3453
KF2X	Craig England	PO Box 2243	Florence	SC	29503	803-736-1336
KF4HK	Jim Miller	11600 Hilda Court	Charlotte	NC	28226	704-542-6162
KF4NO	Robert Denton	5618 Cherrycrest Lane	Charlotte	NC	28217	704-525-9297
KI4UD	Nester Ravenna	7108 Potter Rd.	Matthews	NC	28105	704-821-8418
KI4UZ	Luther Phillips	5013 Shannon Street	Kingsport	TN	37664	615-323-1238
KI4YV	R.V. Southworth	RT. 9 Box 353-12	Mooresville	NC	28115	704-663-3135
KJ4DE	David Reams	225 Enchanted Drive	Matthews	NC	28105	704-821-7815
KJ4TI	Wayne Rallis	334 S. Academy St.	Mooresville	NC	28115	704-663-4751
KJ4YQ	Bill Greene	1108 South Street	Gastonia	NC	28052	704-865-2104
KK4WN	David Larsen	1970 Palmer Street.	Christiansburg	Va	24073	
KM4CC	Steve Freeman	831 Wingrave Drive	Charlotte	NC	28270	704-366-6537
KM4FO	Larry Jones	10110 Pioneer Mill Rd.	Concord	NC	28025	704-455-9650
KM4HW	Dave Blair	500 Hunts Bridge Road	Greenville	SC	29611	803-246-4777

Call	Name	Address	City	State	ZIP	Telephone Number
KN4IU	Ernest M. Bryant	Rt. 3 Box 344B	Carthage	NC	28327	919-245-7684
KO4GU	Tim Creech	5600 Exec. Court Dr.	Charlotte	NC	28212	704-536-4217
KO4KC	Ken Cannaday	1929 Ewing Avenue	Charlotte	NC	28203	704-372-8551
KU4V	Wayne Starnes	701 Channing Circle	Concord	NC	28027	704-399-7177
N4APR	Ray Weeks	3025 Cutchin Drive	Charlotte	NC	28210	704-553-0112
N4AXT	Hugh Campbell	1409 Cambridge Ave.	Gastonia	NC	28052	704-864-4844
N4AYO	Mike Jackson	2568 Devon Dr.	Dallas	NC	28034	704-922-3593
N4BIG	Ervin Jackson	819 Museum Drive	Charlotte	NC	28207	704-375-8865
N4BPP	Paul Posey	P O Box 2030	ElizabethTown	KY	42702-2030	502-932-7322
N4GVF	Robert Starling	7921 Holly Hill Road	Charlotte	NC	28227	704-563-1333
N4HPG	Bill Crowell	5728 Bellechasse St.	Charlotte	NC	28210	704-553-7577
N4IYB	Terry Scaia	8510 Glenway Ct.	Charlotte	NC	28226	704-542-1028
N4JA	Jim Abernathay	PO Box 5943	Augusta	Ga	30906	404-790-7802
N4JEV	Larry Ross	7148 Pitchfork Lane	Mint Hill	NC	28227	704-545-9775
N4JJ	Jack Jackson	P.O. Box 12612	Florence	SC	29504	803-669-1416
N4LUF	Carlton Grainger	652 Kenwood Lane	Rock Hill	SC	29730	803-329-0837
N4MZL	Buddy Teague	RT. 5 Box 335-A	Lancaster	SC	29720	803-286-5299
N4PRV	Bill Cash	PO Box 6115	Gastonia	NC	28056	704-866-8618
N4QOG	L. E. Fairry	408 Centeridge Dr.	Columbia	SC	29223	803-788-8061
N4QWL	Bob Truax	14 Cante Creek	Ridgeway	SC	29130	803-337-3382
N4ROL	Mark Roberts	1900 Townsend Ave.	Charlotte	NC	28205	704-567-6800
N4RTE	John Cannon	104 Ramble Woods	Valdese	NC	28690	704-433-1720
N4SZ	Stephen Foster	102 Wedgewood Dr.	Anderson	SC	29621	
N4TY	Tyler Barnett	213 Camelot Court	Georgetown	KY	40324-9448	
N4UH	Henry Elwell	Rt. 2 Box 20 G	Cleveland	NC	27013	704-278-4423
N4UOV	Jim Bishop	108 Creek Valley Drive	Charlotte	NC	28226	704-365-5823
N4VLQ	Marc Suttle	2402 Caron Drive	Waxhaw	NC	28173	704-843-1417
N4XO	David Rawley	705 Rockford Road	High Point	NC	27262	919-882-1440
N4ZC	Roger Burt	RFD 1 BOX 246	Mount Holly	NC	28120	704-263-1133
N4ZX	John Lambert	4805 Sentinel Post Rd.	Charlotte	NC	28226	704-542-0633
N4ZXW	Steve Carpenter	156 Highland Woods Rd.	Wadesboro	NC	28170	
N7JVV	Larry Castner	PO Box 248	Waxhaw	NC	28173	704-843-5009
NOOT	Paul Sobon	4700 Fallswood Place	Raleigh	NC	27613	919-847-8830
NO2N	Haney Howell	168 Green Bay Drive	Rock Hill	SC	29730	803-324-5537
NO4N	Hugh Strong	Rt. 2 Box 503	Newton	NC	28658	704-464-0306
NU5A	Theo Bellamy	3532 Sandy Porter Road	Charlotte	NC	28273	704-588-1901
W1VKQ	John Kenney	107 Foxwood Dr.	Hendersonville	NC	28739	704-697-0141
W1WW	George Falber	1414 Farmstead Road	Rock Hill	SC	29730	803-366-3556
W4BFB	A. Hawkins NL Editor	1421 Carlyn Drive	Charlotte	NC	28205	
W4FHI	Reagan Rowe	PO Box 33609	Charlotte	NC	28233	704-366-3058
W4HG	Wayne Ashworth	160 Bass Run	Salisbury	NC	28146-9092	704-633-9330
W4HQF	Donald Voigt	PO Box 72	Dallas	NC	28034	704-922-3772
W4MBD	Bob McNeil II	PO Box 843	Morehead City	NC	28557	919-726-7711
W4MHF	Robert Darke	500 Lenoir Rd. Apt. 305	Morganton	NC	28655	704-437-9934
W4MPY	Wayne Carroll	682 Mt. Pleasant Rd.	Monetta	SC	29105	803-685-7264
W4PPN	Howard Cochran	5600 Birchhill Rd	Charlotte	NC	28227	704-545-3215
W4PVT	McFarland W. Wood jr.	6424 Farmingdale Dr.	Charlotte	NC	28212	704-537-7067
W4UNP	Bill Jennings	630 Whitepine Dr.	Catawba	SC	29704	803-329-9095
W4UW	Richard Genaille	719 Quarterstaff Rd.	Winston-Salem	NC	27104	919-765-4697
W4WMQ	Murphy Ratterree	PO Box 4666	Rock Hill	SC	29730	803-366-9057
W4ZQB	Al Guin	3301 Woodwardia Dr.	Charlotte	NC	28210	704-554-7315
W6NWS	Larry Knain	3583 Barley Court	San Jose	CA	95127	
W8ZF	Dean Fredrikson	570 Emerald Parkway	Sugar Hill	GA	30318	
WA1EHL	Gary Coulbourne	P.O. Box 140	Stony Point	NC	28678	704-585-2722
WA4BEC	Ad Brenizer	1333 Queens Rd. #101	Charlotte	NC	28207	704-857-1027
WA4DAZ	Rob Rochelle	2333 Heathershire Lane	Matthews	NC	28105	704-845-3099
WA4EQM	Mike Smith	7725 Hedrick Circle	Huntersville	NC	28078	704-393-5826
WA4ITA	Steven Duncan	6709 Myrtle Grove Rd.	Wilmington	NC	28409	
WA4JPT	David Millsaps	37 38th Ave. NW	Hickory	NC	28601	704-327-9999
WA4OBO	Ken Winston	3900 Brinton Place	Charlotte	NC	28226	704-542-6294
WA4PLR	Pete Eldridge	220 Pinewood Lane	Rock Hill	SC	29730	803-327-9284
WA4SSI	Bob Cranford	206 Fernwood Rd.	Lincolnton	NC	28092	704-735-0903
WA4SWY	Larry Standley	5413 Guida Drive	Greensboro	NC	27410	919-855-7095
WA4UNZ	Ken Boyd	202 Horseshoe Circle	Fort Mill	SC	29715	803-548-7015
WA4UUP	Skip Richardson	6224 Glenridge Rd.	Charlotte	NC	28211	704-364-4750
WA4VCC	Ted Goldthorpe	209 Swamp Fox Drive	Fort Mill	SC	29715	803-547-6980
WB2LEI	Jerry Malin	709 Madras Lane	Charlotte	NC	28211	704-364-1635
WB2RHM	Ben Antanaitis	1801 Tartan Ct.	Charlotte	NC	28212	704-568-6417
WB4HOK	Don Tunstall (NADXC)	1215 Dale Drive SE	Huntsville	AL	35801	205-536-3904

6

Call	Name	Address	City	State	ZIP	Telephone Number
WB4IUX	Tom Skelton	105 College HTs. Blvd	Clemson	SC	29631	803-653-8801
WB4TLX	Thomas McAllister	1185 Winthrop Drive	Rock Hill	SC	29732	803-328-6680
WB4WTC	Roger Webb	PO Box 812	Mt. Holly	NC	28120	
WB4WVV	Mark Pearson	8326 Brynmar Drive	Charlotte	NC	28270	704-366-9195
WB9UKE	Larry Smith	520 Peachtree Road	Rock Hill	SC	29730	803-327-5090
WD0FQA	Donald Negus	2751 Creekbed Lane	Charlotte	NC	28210	704-554-0799
WD4R	Joe Simpkins	2400 Flintwood Lane	Charlotte	NC	28226	704-365-8492
WF2G	William Thomas	652 Shortspoon Circle	Rocky Mount	NC	27804	919-442-6131

Notice

The current rate for CDXA dues are \$30 for packet using members and \$15 otherwise. Dues payments should be sent to:
W4UNP, Bill Jennings
 630 Whitepine Drive
 Catawba, SC 29704

CDXA officers are as Follows:

President: Ken Boyd WA4UNZ
Vice-President: Robert Starling N4GVF
Secretary/Treasurer: Bill Jennings W4UNP
Net manager: Henry Ewell: N4UH

Pileup Editor: Bill Taylor KD4IL

The Pileup
 PO Box 232
 Fort Mill, SC 29716-0232



First Class Mail

WA4UNZ 92
 Ken Boyd
 202 Horseshoe Circle
 Fort Mill, SC 29715
 bbbbbb